

IN THE CLAIMS:

Please cancel Claims 1 to 17 and add new Claims 18 to 22 as follows. The claims, as pending in the subject application, read as follows:

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1. to 17. (Cancelled)

18. (New) A wireless communication apparatus comprising:

wireless communication means;

a plurality of power supply means for supplying a power to said wireless

AI communication means; and

switching means for switching said plurality of power supply means in accordance with a state of said wireless communication means.

19. (New) The apparatus according to Claim 18, wherein said plurality of power supply means supplies the power originated from a common power source.

20. (New) The apparatus according to Claim 18, wherein said plurality of power supply means comprises a series regulator and a DC/DC converter.

21. (New) A method of switching a plurality of power supplies for supplying a power for wireless communication, comprising the steps of:

detecting a state of the wireless communication; and

switching the plurality of power supplies in accordance with the state of the wireless communication.

22. (New) The method according to Claim 21, wherein the plurality of power supplies for supplying the power originated from a common power source for the wireless communication.